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*Admitted only in Maryland * Admitted only in Virginia Practice Limited to Federal Agencies

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Art Unit 2621

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No. 10/647,471; Filed: August 26, 2003

Method and Apparatus for Rolled Fingerprint Image Capture with

Variable Blending

Inventor: Our Ref:

Gregory Zyzdryn 1823.0570000

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Supplemental Information Disclosure Statement;
- 2. Form PTO-1449 (24 pages) citing 328 documents;
- 3. Copies of 160 cited documents (excluding cited U.S. patent documents); and
- 4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted.

STERNY, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael V. Messinger Attorney for Applicant Registration No. 37,575

MVM/LMY:krd **Enclosures**

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In re application of:

Confirmation No.:

2310

Gregory Zyzdryn

Art Unit:

2621

Appl. No.:

10/647,471

Examiner:

Mancuso, Joseph

Filed:

August 26, 2003

Atty. Docket:

1823.0570000

For:

Method and Apparatus for Rolled Fingerprint Image Capture with

Variable Blending

Supplemental Information Disclosure Statement

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicant has listed publication dates on the accompanying PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application

does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) before the mailing date of a first Office Action on the merits. No statement or fee is required.

Documents AH3, AC6, AH9, AL22, AD24, and AF24 were cited in the International Search Report (cited as Document AQ21) prepared by the European Patent Office for counterpart International Application No. PCT/US2004/027448. Submission of the International Search Report (Document AQ21) that indicates the degree of relevance found by the European Patent Office is provided for the convenience of the Examiner.

A concise explanation of the relevance of the non-English language documents appears below:

- Document AI4 (JP 62-212892 A) appears to describe a finger print pattern input device. An English-language abstract of document AI4 is cited as Document AQ19.
- Document AJ4 (JP 1-205392 A) appears to describe a finger picture input device. An English-language abstract of document AJ4 is cited as Document AL20.
- Document AK4 (JP 3-161884 A) appears to describe a finger image input device. An English-language abstract of document AK4 is cited as Document AM20.

- Document AH5 (JP 3-194674 A) appears to describe a finger image input device. An English-language abstract of document AH5 is cited as Document AN20.
- Document AI5 (JP 3-194675 A) appears to describe a finger image input device. An English-language abstract of document AI5 is cited as Document AO20.
- Document AJ5 (JP 11-225272 A) appears to describe an image reader. An English-language abstract of document AJ5 is cited as Document AM21.
- Document AK5 (JP 11-289421 A) appears to describe an image reader. An English-language abstract of document AK5 is cited as Document AO21.
- Document AK7 (WO 98/09246 A1) appears to describe a method and device for recognizing non-unrolled fingerprints. The cover page of Document AK7 contains an English-language abstract.
- Document AK8 (WO 99/40535 A1) appears to describe a method and arrangement for obtaining image information relating to surface structures. The cover page of Document AK8 contains an English-language abstract.

Atty. Docket: 1823.0570000

Gregory Zyzdryn Appl. No. 10/647,471

Document AH9 (DE 101 09 560 A1) appears to describe an apparatus for

reading fingerprints. An English-language abstract of document AH9

is cited as Document AP21.

Copies of the 'Foreign Patent' and 'Other' documents cited on the accompanying Form

PTO-1449 are provided herewith. However, in accordance with 37 C.F.R. § 1.98(a)(2),

copies of the U.S. patents and patent application publications cited on the accompanying

Form PTO-1449 are not provided.

It is respectfully requested that the Examiner initial and return a copy of the

accompanying Form PTO-1449, and indicate in the official file wrapper of this patent

application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee

deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE BESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael V. Messinger

Attorney for Applicant

Registration No. 37,575

Date:

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FORM PTO-1449

SUPPLEMENTAL

Page 1 of 24 APPLICATION NO. 10/647,471 ATTY. DOCKET NO. 1823.0570000

INVENTOR Gregory Zyzdryn

INFO		<u>UPPLEMENTAL</u> I DISCLOSURE STATEMI		Gregory Zyzdryn							
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				NT DOCUMENTS	2021						
EXAMINER		DOCUMENT NUMBER			CLASS	CUD CLASS	FILING DATE				
INITIAL	AA1	2,500,017	03/1950	NAME Altman	CLASS	SUB-CLASS	FILING DATE				
	AB1	3,200,701	08/1965	White							
	AC1	3,475,588	10/1969	McMaster							
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	AF1	3,527,535	09/1970	Monroe							
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EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION				
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	Al1	0 308 162 A2 & A3	03/1989	EP			N/A				
	AJ1	0 379 333 A1	07/1990	EP			N/A				
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		OTHER (Include	ling Author,	Title, Date, Pertinent Pa	ages, etc.)		1				
	AL1	Btt (Biometric Technolog	ıy Today), Finç	ger technologies contacts, 2	pages.						
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	AN1	Roethenbaugh, G. (ed.),	Biometrics Ex	oplained, 1998, ICSA, pp. 1-	34.						
	AO1	Automated Identification page, Copyright 1999.	Systems (visit	ted May 20, 1999) <http: td="" wv<=""><td>ww.trw.com/ids</td><td>ystems/bldgad</td><td>ccess2.html>, 1</td></http:>	ww.trw.com/ids	ystems/bldgad	ccess2.html>, 1				
	AP1	Ultra-Scan Corporation I (discusses technology as	Iltra-Scan Corporation Home Page (visited May 20, 1999) http://www.ultra-scan.com/index.htm , 3 pages. liscusses technology as early as 1996)								
	AQ1	Profile (last updated Aug (discusses technology as	just 16, 1998) s early as 1990	<http: bi<br="" www.dermalog.de="">0)</http:>	ritain/Profile/pro	ofile.htm>, 3 p	ages.				
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AA2 3,617,120 11/1971 Roka	
INVENTOR Gregory Zyzdryn Filing Date ART Unit 2621	
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August 26, 2003 2621	
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	N/A
AK2 0 785 750 B1 06/1999 EP	N/A
	N/A
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)	
AL2 ID-Card System Technical Specifications (last updated July 18, 1998) http://dermalog.de/Britain/FCard/idcard2.htm , 2 pages.	Products/ID-
AM2 Fujitsu Limited Products and Services (updated April 21, 1999) http://www.fujitsu.co.jp/hypertext/Products/index-e.html , 3 pages, Copyright 1995-1999.	
AN2 SonyDCam (visited May 20, 1999) SonyDCam (visited May 20, 1999) SonyDCam (visited May 20, 1999) AN2 Copyright 1999.	>, 3 pages,
AO2 Verid Fingerprint Verification (visited May 17, 1999) http://www.tssi.co.uk/products/finger.html , 2	pages.
AP2 Startek's Fingerprint Verification Products: Fingerguard FG-40 (visited May 18, 1999) http://www.startek.com.tw/product/fg40/fg40.html , 3 pages.	
AQ2 SAC Technologies Showcases Stand-Alone SAC-Remote(TM) (visited May 18, 1999) http://www.pathfinder.com/money/latest/press/PW/1998Mar25/1026.html , 2 pages.	
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445322_1.DOC	

Page 3 of 24 APPLICATION NO. ATTY, DOCKET NO. **FORM PTO-1449** 1823.0570000 10/647,471 **INVENTOR** SUPPLEMENTAL Gregory Zyzdryn INFORMATION DISCLOSURE STATEMENT ART UNIT **FILING DATE** August 26, 2003 2621 U.S. PATENT DOCUMENTS **EXAMINER** INITIAL **DOCUMENT NUMBER** NAME CLASS SUB-CLASS FILING DATE DATE AA3 4.063.226 12/1977 Kozma et al. AB3 4,120,585 10/1978 DePalma et al. AC3 4,152,056 05/1979 Fowler AD3 4,209,481 06/1980 Kashiro et al. 4,210,899 07/1980 AE3 Swonger et al. AF3 4,253,086 02/1981 Szwarcbier AG3 4,322,163 03/1982 Schiller **FOREIGN PATENT DOCUMENTS** EXAMINER DOC. INITIAL DOCUMENT NUMBER COUNTRY REF. DATE **CLASS** SUB-CLASS **TRANSLATION** AH3 0 889 432 A2 & A3 01/1999 EP N/A 0 905 646 A1 03/1999 AI3 EP N/A AJ3 0 924 656 A2 06/1999 ΕP N/A AK3 2 089 545 A 06/1982 GB N/A OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AL3 "Biometrics, The Future Is Now," www.securitymagazine.com, May 1999, pp. 25-26. AM3 Mytec Technologies Gateway (visited April 27, 1999) http://www.mytec.com/Products/Gateway/, 1 page. Mytec Technologies Gateway: Features & Benefits (visited April 27, 1999) AN3 http://www.mytec.com/Products/Gateway/features.htm, 1 page. Mytec Technologies Touchstone Pro (visited April 27, 1999) http://www.mytec.com/Products/Touchstone/, 1 AO3 Mytec Technologies Touchstone Pro: Features (visited April 27, 1999) AP3 http://www.mytec.com/Products/Touchstone/features.htm, 1 page. Electronic Timeclock Systems and Biometric Readers (last updated April 17, 1999) http://www.lfs-hr- AQ3 bene.com/tclocks.html>, 1 page. **EXAMINER** DATE CONSIDERED **EXAMINER**: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

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	AC4	4,544,267	10/1985	5	Schiller				
	AD4	4,553,837	11/1985	1	Marcus				
	AE4	4,601,195	07/1986	(Garritano				
	AF4	4,669,487	06/1987	F	rieling				
	AG4	4,681,435	07/1987	١	Kubota <i>et al.</i>				
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	Al4	62-212892 A	09/1987		JP				No
AJ4 1-205392 A 08/1989 JP									No
AK4 3-161884 A 07/1991 JP									No
	T	OTHER (Include	ding Autho	r, Ti	tle, Date, Pertinent P	ages, etc.	<u>) </u>		
	AL4	Fingerprint Time Clock (*6 pages.	visited May 1	17, 19	999) <http: td="" www.lfs-hr-b<=""><td>ene.com/Bi</td><td>ome</td><td>etrics/Fingerpr</td><td>intclock.html>,</td></http:>	ene.com/Bi	ome	etrics/Fingerpr	intclock.html>,
	AM4	KC-901: The KSI fingerp	orint sensor (visite	ed May 17, 1999) <http: <="" td=""><td>www.kinetio</td><td>c.bc.</td><td>ca/kc-901.htm</td><td>nl>, 3 pages.</td></http:>	www.kinetio	c.bc.	ca/kc-901.htm	nl>, 3 pages.
	AN4	INTELNET INC. (visited	May 20, 199	99) <1	http://www.intelgate.com/	/index.html	>, 1	page, Copyrig	ht 1996.
	A04	Ver-i-Fus Fingerprint Acc 2 pages. (Ver-i-fus produ	cess Control uct released	Syst in 19	tems (visited May 20, 1999)	99) <http: \<="" td=""><td>vww</td><td>.intelgate.com</td><td>n/verifus.htm>,</td></http:>	vww	.intelgate.com	n/verifus.htm>,
	AP4	Ver-i-fus [®] Configurations product released in 1995	s (visited May	y 20,	1999) <http: td="" www.intelg<=""><td>gate.com/ve</td><td>rcor</td><td>nfig.htm>, 1 pa</td><td>age. (Ver-i-fus</td></http:>	gate.com/ve	rcor	nfig.htm>, 1 pa	age. (Ver-i-fus
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Page 5 of 24 APPLICATION NO. ATTY, DOCKET NO. **FORM PTO-1449** 1823.0570000 10/647,471 **INVENTOR SUPPLEMENTAL** Gregory Zyzdryn INFORMATION DISCLOSURE STATEMENT **FILING DATE ART UNIT** August 26, 2003 2621 **U.S. PATENT DOCUMENTS EXAMINER** INITIAL **DOCUMENT NUMBER** DATE NAME CLASS SUB-CLASS | FILING DATE AA5 4,684,802 08/1987 Hakenewerth et al. 10/1987 Anderson et al. AB5 4,701,772 AC5 4,783,823 11/1988 Tasaki et al. AD5 4,784,484 11/1988 Jensen 12/1988 Fishbine et al. AE5 4,792,226 AF5 4,811,414 03/1989 Fishbine et al. AG5 4,876,726 10/1989 Capello et al. **FOREIGN PATENT DOCUMENTS EXAMINER** DOC. INITIAL **DOCUMENT NUMBER** COUNTRY **TRANSLATION** REF. DATE CLASS SUB-CLASS AH5 3-194674 A 08/1991 JP. No 3-194675 A 08/1991 JΡ AI5 No AJ5 11-225272 A 08/1999 JΡ No JΡ AK5 11-289421 A 10/1999 No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Access Control System Configurations (visited May 20, 1999) http://www.intelgate.com/access.htm, 2 AL5 pages. (Ver-i-fus product released in 1995) AM5 Company (visited May 17, 1999) http://www.instainfo.com/company.htm, 2 pages. TouchLock™ II Fingerprint Identity Verification Terminal (visited May 17, 1999) AN₅ http://www.identix.com/TLock.htm, 4 pages. Physical Security and Staff Tracking Solutions (visited May 17, 1999) AO5 http://www.identix.com/products/biosecurity.html, 3 pages, Copyright 1996-1998. Veriprint2000 Fingerprint Verification Terminal For Use With Jantek Time & Attendance Software (visited May AP5 17, 1999) http://www.hunterequipment.com/fingerprint.htm, 2 pages. Veriprint Product Applications (visited April 27, 1999) https://www.biometricid.com/uses.htm, 1 page, AQ5 Copyright 1999. **EXAMINER** DATE CONSIDERED **EXAMINER**: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Page 6 of 24 APPLICATION NO. ATTY, DOCKET NO. **FORM PTO-1449** 1823.0570000 10/647,471 INVENTOR **SUPPLEMENTAL** Gregory Zyzdryn INFORMATION DISCLOSURE STATEMENT ART UNIT **FILING DATE** August 26, 2003 2621 **U.S. PATENT DOCUMENTS EXAMINER** DOCUMENT NUMBER INITIAL DATE NAME CLASS SUB-CLASS FILING DATE AA6 4,905,293 02/1990 Asai et al. 4,924,085 05/1990 Kato et al. AB6 AC6 4,933,976 06/1990 Fishbine et al. AD6 4,942,482 07/1990 Kakinuma et al. 08/1990 4,946,276 Chilcott AE6 AF6 4,995,086 02/1991 Lilley et al. AG6 5,054,090 10/1991 Knight et al. **FOREIGN PATENT DOCUMENTS EXAMINER** DOC. INITIAL DOCUMENT NUMBER DATE REF. COUNTRY **CLASS** SUB-CLASS **TRANSLATION** AH₆ WO 87/02491 A1 04/1987 **PCT** N/A WO 90/03620 A1 04/1990 **PCT** Al6 N/A WO 92/11608 A1 AJ₆ 07/1992 PCT N/A PCT AK6 WO 94/22371 A2 & A3 10/1994 N/A OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AL6 BII Home Page (visited April 27, 1999) http://www.biometricid.com/homepage.htm, 1 page, Copyright 1999. Veriprint 2100 Stand-Alone Fingerprint Verification Terminal (visited April 27, 1999) AM6 http://www.biometricid.com/veriprint2100.htm, 3 pages. AN6 Randall, N., "A Serial Bus on Speed," PC Magazine, May 25, 1999, pp. 201-203. The DERMALOG Check-ID (visited November 12, 1999) A06 http://www.dermalog.de/ganzneu/products check.html>, 1 page. Check-ID Specifications and Features (visited November 12, 1999) AP6 http://www.dermalog.de/ganzneu/spec_check.html, 1 page, Copyright 1999. Startek's Fingerprint Verification Products: FingerFile 1050 (visited October 8, 1999) AQ6 http://www.startek.com.tw/product/ff1050/ff1050.html, 3 pages. **EXAMINER** DATE CONSIDERED **EXAMINER**: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

Page 7 of 24 ATTY, DOCKET NO. APPLICATION NO. FORM PTO-1449 1823.0570000 10/647,471 **INVENTOR** SUPPLEMENTAL Gregory Zyzdryn INFORMATION DISCLOSURE STATEMENT **FILING DATE ART UNIT** August 26, 2003 2621 **U.S. PATENT DOCUMENTS EXAMINER** INITIAL DOCUMENT NUMBER DATE NAME CLASS SUB-CLASS | FILING DATE 11/1991 AA7 5,067,162 Driscoll, Jr. et al. AB7 5,067,749 11/1991 Land 5,131,038 07/1992 Puhl et al. AC7 09/1992 AD7 5.146,102 Higuchi et al. AE7 5,157,497 10/1992 Topper et al. 5,185,673 02/1993 AF7 Sobol AG7 5,187,747 02/1993 Capello et al. **FOREIGN PATENT DOCUMENTS EXAMINER** DOC. INITIAL REF. DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS **TRANSLATION** AH7 WO 96/17480 A2 & A3 06/1996 PCT N/A WO 97/29477 A1 08/1997 PCT AI7 N/A AJ7 WO 97/41528 A1 11/1997 PCT N/A WO 98/09246 A1 03/1998 **PCT** AK7 No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AL7 Time is Money! (visited June 5, 1998) http://www.iaus.com/afim.htm, 3 pages. LS 1 LiveScan Booking Workstation High Performance Finger & Palm Scanning System (visited June 4, 1998) AM7 http://www.hbs-jena.com/ls1.htm, 6 pages, Copyright 1998. Welcome to the Homepage of Heimann Biometric Systems GMBH (visited June 4, 1998) http://www.hbs-page-1998) , 1 page, Copyright 1998. A07 iena.com/company.htm>, 4 pages, Copyright 1998. Remote Access Positive IDentification - raPID (visited June 3, 1998) , 2 pages, Copyright 1997. Morpho DigiScan Cellular (visited June 3, 1998) AQ7 <http://www.morpho.com/products/law_enforcement/digiscan/cellular.htm>, 2 pages, Copyright 1998. **EXAMINER** DATE CONSIDERED **EXAMINER**: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	N.	AME	CLASS	SUB-CLASS	FILING DATE
	AA8	5,210,588	05/1993	L	ee			
	AB8	5,222,152	06/1993	F	ishbine <i>et al</i> .			
	AC8	5,222,153	06/1993	В	eiswenger			
	AD8	5,230,025	07/1993	F	ishbine <i>et al.</i>			
	AE8	5,233,404	08/1993	L	ougheed et al.			
	AF8	5,249,370	10/1993	s	tanger <i>et al.</i>			
	AG8	5,253,085	10/1993	М	laruo <i>et al</i> .			
		F	OREIGN P	ATE	NT DOCUMENTS			
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH8	WO 98/12670 A1	03/1998		PCT			N/A
	Al8	WO 99/12123 A1	03/1999		PCT			N/A
	AJ8	WO 99/26187 A1	05/1999		PCT			N/A
AK8 WO 99/40535 A1 08/19					PCT			No
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	AL8	A.F.I.S. (last updated Ap	oril 2, 1998) <	<http: <="" td=""><td>/www.dermalog.de/afis.h</td><td>ntm>, 2 pages.</td><td></td><td></td></http:>	/www.dermalog.de/afis.h	ntm>, 2 pages.		
	AM8	Morpho FlexScan [™] Wor http://www.morpho.com	rkstation (vis n/products/la	ited J w_en	une 3, 1998) forcement/flexscan/>, 2 p	oages, Copyrig	ht 1998.	
	AN8	True-ID [®] The LiveScan v	with special "	'ability	r", 2 pages.			
	AO8	Printrak International: Us pages, Copyright 1996.	s <i>er List</i> (visite	ed Jui	ne 3, 1998) <http: td="" www.l<=""><td>printrakinterna</td><td>tional.com (an</td><td>d links)>, 10</td></http:>	printrakinterna	tional.com (an	d links)>, 10
	AP8	Live-Scan Products: Ter http://www.digitalbiome	nprinter® 113 etrics.com/Pro	33S (v oduct	risited April 23, 1999) s/tenprinter.htm>, 4 page	es. (Tenprinter	1133S releas	ed in 1996)
	AQ8	TouchPrint™ 600 Live-S <http: <="" td="" www.identix.com=""><td>Scan System products/live</td><td>(visite</td><td>ed November 17, 1999) htm>, 4 pages, Copyrigh</td><td>nt 1996-1998.</td><td></td><td></td></http:>	Scan System products/live	(visite	ed November 17, 1999) htm>, 4 pages, Copyrigh	nt 1996-1998.		
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INTIAL	AA9	5,261,266	11/1993		prenz et al.		LASS	SUB-CLASS	FILING DATE	
	AB9	5,285,293	02/1994		ebb <i>et al</i> .					
	AC9	5,291,318	03/1994	_	enovese					
	AD9	Des. 348,445	07/1994	+	shbine <i>et al</i> .					
	AE9	5,351,127	09/1994	9/1994 King et al.						
	AF9	Des. 351,144	10/1994		shbine <i>et al</i> .					
	AG9	5,363,318	11/1994	M	cCauley					
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	AH9	101 09 560 A1	09/2002		DE				No	
	AI9									
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	AK9									
	1	OTHER (Includ	ling Autho	r, Titl	e, Date, Pertinent	Pages, e	tc.)			
	AL9	Systems for Live-Scan F	ingerprinting	g, Digit	al Biometrics, Inc., 8	pages, Co	pyright	1998.		
	АМ9	DBI FingerPrinter CMS ^{TI}	^м , Digital Bio	metric	s, Inc., 5 pages. (CM	S [™] releas	ed in 1	998)		
	AN9	Fingerscan V20, Identix	Incorporated	i, 1 pa	ge, Copyright 1999.					
	AO9	Verid [®] Fingerprint Reade	er, TSSI, 4 p	ages.						
	AP9 Response to Request for Information, Cross Match Technologies, Inc., 13 pages, April 14, 1999.									
	AQ9	Startek's Fingerprint Ver http://www.startek.com				1999)				
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	AA10	5,384,621	01/1995	Hatch e	al.		0 000 00 100	TIENTO DATE
	AB10	5,412,463	05/1995	Sibbald	et al.			
	AC10	5,416,573	05/1995	Sartor, S	lr.			
	AD10	5,448,649	09/1995	Chen et	al.			-
	AE10	5,467,403	11/1995	Fishbine	et al.			
	AF10	5,469,506	11/1995	Berson	et al.			
	AG10	5,471,240	11/1995	Prager 6	et al.			
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		OTHER (Include	ling Autho	r, Title, Da	te, Pertinent I	Pages, etc.)		
	AL10	Introduction to Startek's http://www.startek.com .	Fingerprint \ tw/product/i	/erification F ndex2.html>	Products (visited , 2 pages.	November 17	, 1999)	
	AM10	Automatic Fingerprint Ide http://www.sagem.com/	entification S /en/produit4-	<i>Systems</i> (visi en/empreint	ted November 1 e-dig-en.htm>, 1	7, 1999) 1 page.		
	AN10	Digital Biometrics Corpo http://www.digitalbiome early as 1985)	rate Informa trics.com/Co	tion (visited brporate_info	November 17, 1 /Corporate_info	999) .htm>, 2 page	s. (discusses te	chnology as
	AO10	DBI Live-Scan Products: http://www.digitalbiome	Digital Bion trics.com/pre	netrics TENF oducts/tenpr	PRINTER® (visite inter.htm>, 4 pa	ed November ges. (Tenprint	17, 1999) er released in 19	996)
	AP10	DBI Live-Scan Products: http://www.digitalbiome	NETWORK trics.com/pro	ING OPTIO	NS (visited Nove	ember 17, 199 htm>, 3 pages	9)	
	AQ10	DBI Live-Scan Products: <http: td="" www.digitalbiome<=""><td>Digital Bion</td><td>netrics Finge oducts/Finge</td><td>rPrinter CMS[™] rPrinterCMS.htr</td><td>(visited Novei n>, 3 pages. (</td><td>mber 17, 1999) CMSTM released</td><td>d in 1998)</td></http:>	Digital Bion	netrics Finge oducts/Finge	rPrinter CMS [™] rPrinterCMS.htr	(visited Novei n>, 3 pages. (mber 17, 1999) CMS TM released	d in 1998)
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	AA11	5,473,144	12/1995	Mathurin, Jr.			
	AB11	5,483,601	01/1996	Faulkner			
	AC11	5,509,083	04/1996	Abtahi et al.			
	AD11	5,517,528	05/1996	Johnson			
	AE11	5,528,355	06/1996	Maase et al.			
	AF11	5,548,394	08/1996	Giles et al.			
	AG11	5,591,949	01/1997	Bernstein			
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	AL11	DBI Live-Scan Products. http://www.digitalbiome	: Image Print etrics.com/pro	er Stations (visited November oducts/imageprinter.htm>, 2 p	r 17, 1999) ages.		
	AM11	DBI Live-Scan Products. http://www.digitalbiome	: FC-21 TM Fin etrics.com/pro	ngerprint Capture Station (visit oducts/Fingerprintcapture.htm	ted November >, 2 pages.	17, 1999)	
	AN11	Series 400 OEM Scanne (Scanner released in 199	er (visited No 96)	vember 17, 1999) <http: td="" www<=""><td>v.ultra-scan.co</td><td>m/400.htm>, 3</td><td>3 pages.</td></http:>	v.ultra-scan.co	m/400.htm>, 3	3 pages.
	AO11	USC Scanner Design (vi (Scanner released in 199	sited Novem 96)	ber 17, 1999) <http: td="" www.ult<=""><td>ra-scan.com/sc</td><td>anner.htm>, 4</td><td>1 pages.</td></http:>	ra-scan.com/sc	anner.htm>, 4	1 pages.
	AP11	Series 500/600 Scanner (Scanner released in 199	s (visited No	vember 17, 1999) <http: td="" www<=""><td>v.ultra-scan.cor</td><td>m/500.htm>, 3</td><td>pages.</td></http:>	v.ultra-scan.cor	m/500.htm>, 3	pages.
	AQ11	Series 700 ID Station (vi	sited Novem	ber 17, 1999) <http: td="" www.ultr<=""><td>ra-scan.com/70</td><td>00.htm>, 3 pag</td><td>ges. (Scanner</td></http:>	ra-scan.com/70	00.htm>, 3 pag	ges. (Scanner
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	AA12	5,596,454	01/1997	He	ebert						
	AB12	5,598,474	01/1997	Johnson							
	AC12	5,613,014	03/1997	Es	shera et al.						
	AD12	5,615,277	03/1997		offman						
	AE12	5,625,448	04/1997	Ra	analli <i>et al</i> .						
	AF12	5,640,422	06/1997	Jo	hnson						
	AG12	5,649,128	07/1997	Ha	artley						
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	AK12										
		OTHER (Include	ling Author	r, Titl	e, Date, Pertinent Pa	ages, etc.)				
	AL12	Identix: The Corporation Copyright 1996-1998.	(visited Nove	embei	r 17, 1999) <http: td="" www.<=""><td>identix.com</td><td>n/cor</td><td>rporate/home.</td><td>htm>, 2 pages,</td></http:>	identix.com	n/cor	rporate/home.	htm>, 2 pages,		
	AM12	Biometric Imaging Produ page, Copyright 1996-19	<i>icts</i> (visited N 998.	Novem	nber 17, 1999) <http: td="" w<=""><td>ww.identix.</td><td>com</td><td>/products/bioi</td><td>mage.htm>, 1</td></http:>	ww.identix.	com	/products/bioi	mage.htm>, 1		
	AN12	TouchPrint™ 600 Live-S 4 pages, Copyright 1996	Scan System -1998.	(visite	ed April 23, 1999) <http: <="" td=""><td>//www.iden</td><td>tix.co</td><td>om/products/li</td><td>vescan.htm>,</td></http:>	//www.iden	tix.co	om/products/li	vescan.htm>,		
	AO12	TouchPrint™ 600 Palm 3 http://www.identix.com/	S <i>canner</i> (visi products/pal	ited Ne mscar	ovember 17, 1999) n.htm>, 3 pages, Copyri	ight 1996-1	998.	,			
	AP12										
	AQ12	DERMALOG KEY - The http://www.dermalog.de	safest and e	asiest ducts/l	way of access control (Key/key.htm>, 1 page.	(last update	d Ju	ıly 18, 1998)			
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AC13		AA13	5,650,842	07/1997	Maase et al.						
AD13 5,689,528 11/1997 Johnson		AB13	5,661,451	08/1997	Pollag						
AE13 5,717,777 02/1998 Wong et al. AF13 5,729,334 03/1998 Van Ruyven AG13 5,736,734 04/1998 Marcus et al. FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS EXAMINER REF. DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION AH13 COUNTRY CLASS SUB-CLASS TRANSLATION AH13 COUNTRY CLASS SUB-CLASS TRANSLATION AH14 DATE COUNTRY CLASS SUB-CLASS TRANSLATION AH15 COUNTRY CLASS SUB-CLASS TRANSLATION AH16 AL17 DEFINAL OF FINGER-ID Your small size solution for high security (last updated July 18, 1998) AH17 DEFINAL OG FINGER-ID Your small size solution for high security (last updated July 18, 1998) AH18 Mytec: Corporate (visited November 17, 1999) http://www.dermalog.de/Britain/Products/Finger/finger/d.htm>, 1 page. AH18 Kinetic Sciences Inc. Fingerprint Biometrics Division (visited November 17, 1999) http://www.kinetic.bc.ca/main-FPB.html>, 1 page. AH18 Fingerprint Biometrics. Securing The Next Generation, May 19, 1999, (visited November 17, 1999) , 2 pages.">http://www.secugen.com/pressrel.htm>, 2 pages. AH19 POLLEX Technology Ltd., The Expert in Fingerprint Identification - POLLog (visited November 17, 1999) , 2 pages.">PATE CONSIDERED EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 699. Draw line through citation in rot in conformance and not considered. Include copy of this form with next communication to Applicant.		AC13	5,680,205	10/1997	Borza						
AF13 5,729,334 03/1998 Van Ruyven AG13 5,736,734 04/1998 Marcus et al. FOREIGN PATENT DOCUMENTS EXAMINER REF. DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION AH13 AH13 OTHER (Including Author, Title, Date, Pertinent Pages, etc.) OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AL13 DERMALOG FINGER-ID Your small size solulion for high security (last updated July 18, 1998) AL13 AL13 DERMALOG FINGER-ID Your small size solulion for high security (last updated July 18, 1998) AL13 AL13 DERMALOG FINGER-ID Your small size solulion for high security (last updated July 18, 1998) AL13 AL13 DERMALOG FINGER-ID Your small size solulion for high security (last updated July 18, 1998) AL13 AL13 DERMALOG FINGER-ID Your small size solulion for high security (last updated July 18, 1998) AL13 AL13 DERMALOG FINGER-ID Your small size solulion for high security (last updated July 18, 1998) AL13 AL13 DERMALOG FINGER-ID Your small size solulion for high security (last updated July 18, 1998) AL13 AL13 DERMALOG FINGER-ID Your small size solulion for high security (last updated July 18, 1998) AL13 AL13 DERMALOG FINGER-ID Your small size solulion for high security (last updated July 18, 1998) AL13 AL13 DERMALOG FINGER-ID Your small size solulion for high security (last updated July 18, 1998) AL13 DERMALOG FINGER-ID Your small size solulion for high security (last updated July 18, 1998) AL13 DERMALOG FINGER-ID YOUR SMALLOG FINGE		AD13	5,689,529	11/1997	Johnson						
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AO13 Fingerprint Biometrics: Securing The Next Generation, May 19, 1999, (visited November 17, 1999) AP13 SecuGen Unveils Fully Functional Fingerprint Recognition Solutions, May 11, 1999, (visited November 17, 1999) http://www.secugen.com/pressrel.htm , 2 pages. AP13 POLLEX Technology Ltd., The Expert in Fingerprint Identification - POLLog (visited November 17, 1999) http://www.pollex.ch/english/products/pollog.htm , 2 pages. EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.		AM13	Mytec: Corporate (visited	d November	17, 1999) <http: td="" www.mytec.c<=""><td>com/corporate/</td><td>/>, 2 pages.</td><td></td></http:>	com/corporate/	/>, 2 pages.				
AP13 SecuGen Unveils Fully Functional Fingerprint Recognition Solutions, May 11, 1999, (visited November 17, 1999) http://www.secugen.com/pressrel.htm , 3 pages. AQ13 POLLEX Technology Ltd., The Expert in Fingerprint Identification - POLLog (visited November 17, 1999) http://www.pollex.ch/english/products/pollog.htm , 2 pages. EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.		AN13				nber 17, 1999)					
AQ13 POLLEX Technology Ltd., The Expert in Fingerprint Identification - POLLog (visited November 17, 1999) EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.		AO13 Fingerprint Biometrics: Securing The Next Generation, May 19, 1999, (visited November 17, 1999) http://www.secugen.com/pressrel.htm , 2 pages.									
AGTS http://www.pollex.ch/english/products/pollog.htm , 2 pages. EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.		AP13 SecuGen Unveils Fully Functional Fingerprint Recognition Solutions, May 11, 1999, (visited November 17, 1999) http://www.secugen.com/pressrel.htm , 3 pages.									
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	AM14	Sony Fingerprint Identific <http: td="" www.iosoftware.c<=""><td>cation Unit (F om/biosols/s</td><td>=<i>IU-70</i> sony/fi</td><td>00) (visited November 17, iu700/index.htm>, 2 pages</td><td>1999) s. (Unit availa</td><td>ible late 1999)</td><td></td></http:>	cation Unit (F om/biosols/s	= <i>IU-70</i> sony/fi	00) (visited November 17, iu700/index.htm>, 2 pages	1999) s. (Unit availa	ible late 1999)			
	AN14	Sony Fingerprint Identific <http: td="" www.iosoftware.c<=""><td>cation Unit (v om/biosols/s</td><td>/isited sony/fi</td><td>November 17, 1999) iu/index.htm>, 3 pages.</td><td></td><td></td><td></td></http:>	cation Unit (v om/biosols/s	/isited sony/fi	November 17, 1999) iu/index.htm>, 3 pages.					
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	AQ14	SecureTouch PV - A Per <http: td="" www.biometricaco<=""><td>rsonal "Pass cess.com/se</td><td>word cureto</td><td>Vault" (visited November ouch_pv.htm>, 1 page.</td><td>17, 1999)</td><td></td><td></td></http:>	rsonal "Pass cess.com/se	word cureto	Vault" (visited November ouch_pv.htm>, 1 page.	17, 1999)				
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	AL15	Digital Descriptor System cpc.com/pages/profile.ht	ns, IncProf ml>, 3 page	file (visited November 17, 19 ss.	99) <http: td="" wv<=""><td>vw.ddsi-</td><td></td></http:>	vw.ddsi-	
	AM15	Press Release: Printrak (visited November 17, 19	<i>Internationa</i> 999) <http: <="" td=""><td>I Announces New Portable F www.scott.net/~dg/25.htm>,</td><td>Fingerprint ID 3 pages.</td><td>Solution, Decem</td><td>ber 10, 1996,</td></http:>	I Announces New Portable F www.scott.net/~dg/25.htm>,	Fingerprint ID 3 pages.	Solution, Decem	ber 10, 1996,
	AN15	Corporate Profile (visited	l November	17, 1999) <http: td="" www.printr<=""><td>akinternation</td><td>al.com/corporate</td><td>.htm>, 1 page.</td></http:>	akinternation	al.com/corporate	.htm>, 1 page.
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	AP15	Verifier™ 200 Fingerprin	t Capture D	evices, Cross Match Techno	logies, Inc., 2	2 pages, 1996-19	97.
	AQ15	Verifier 200 Direct Finger	rprint Reade	er, Cross Check Corporation,	, 2 pages, 199	96-1997.	
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	AL17	10-Print Imaging System	, Cross Che	ck Corporation, 2 pages, 1998.					
	AM17	Cross Match Technologies, Inc. (visited March 25, 1999) http://www.crossmatch.net/ , 1 page.							
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	AQ17	Cross Match Technologie Cross Match Technologie	es, Inc Inte net/new/sale	ernational Sales (visited March 2 es/sales-index.html>, 1 page.	25, 1999)				
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	AL18	Cross Match Technologi http://www.crossmatch.	es, Inc Su .net/new/sup	<i>ipport</i> oport/s	(visited March 25, 1999 support-index.html>, 1 _l	9) page.			
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	AP18	Fingerprint Scan API Too <http: td="" www.mentalix.com<=""><td></td><td></td><td></td><td>000)</td><td></td><td></td><td></td></http:>				000)			
	AQ18	"Image Acquisition Syste 1928-1931 (3 pages).	em," <i>IBM Te</i>	chnica	al Disclosure Bulletin, II	BM Corp.	, Vol. 29	9, No. 5, Octo	ber 1986, pp.
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